



Te Whare Wananga o Otago

The 10th Annual Carney Pharmacogenomics Symposium

Christchurch Monday 3rd November, 2014



Beaven Lecture Theatre, Seventh Floor, University of Otago Building—Christchurch Hospital, 1 Riccarton Avenue, Christchurch

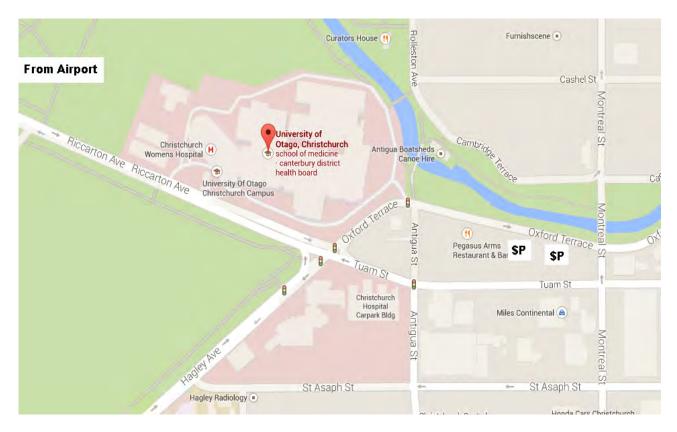
Programme



Venue:

Beaven Lecture Theatre, Seventh Floor, University of Otago Building—Christchurch Hospital, 1 Riccarton Avenue, Christchurch

Located within the Public Hospital.





9:00am	Meet over coffee
	Session 1 Chair: Martin Kennedy
9.20am	Welcome - Martin Kennedy
9:30am	Dr Matthew Strother, Christchurch Hospital, Clinical perspective on 5-fluorouracil and it's variability of outcomes.
9:45am	Ottiniel Chavani, Christchurch Hospital, 5 fluorouracil analysis.
10:00am	Dr Nuala Helsby, <i>University of Auckland,</i> Impact of pharmacogenetics on 5-fluorouracil therapy.

10:30am	Morning Tea
	Session 2 Chair: Evan Begg
11:00am	Prof. Lisa Stamp , <i>Christchurch Hospital & University of Otago</i> . Pharmacogenetics of gout.
11:30am	Prof Murray Barclay, <i>University of Otago, Christchurch.</i> Mathematical model of the thiopurine metabolic pathway incorporating pharmacogenetics.
11:45am	Prof Margreet Vissers, <i>University of Otago, Christchurch.</i> Vitamin C for Cancer – New mechanisms controlling gene expression.
12:00pm	Dr Amy Fletcher , <i>University of Canterbury, Christchurch</i> . Bringing Personalized Medicine into M.S. Treatment: The Intersection of Science, Patients and Politics.
12:15pm	Dr Simone Cree , <i>University of Otago</i> , <i>Christchurch</i> . Initial experiences with the Oxford Nanopore MinIon DNA sequencing device.

12:30pm	Lunch
	Session 3 Chair: Nuala Helsby
1.30pm	Assoc. Prof. Matthew Doogue, Christchurch Hospital & University of Otago, Christchurch. Liver Transplant Donor and Recipient CYP3A5 and ABCB1 Genetics and Tacrolimus Pharmacokinetics.
1:45pm	Dr James Foulds , <i>University of Otago, Christchurch. OPRM1</i> genotype and naltrexone treatment outcome in depressed alcohol dependent patients
2:00pm	Diana Balasubramanain , <i>University of Otago, Christchurch</i> . RNA-seq expression analysis of lithium and valproate exposure in a serotonergic precursor cell line.
2:15pm	Prof. Martin Kennedy, <i>University of Otago, Christchurch.</i> Genomic tools for analysis of adverse drug reactions.
2:30pm	Kim Ton, <i>University of Otago, Christchurch.</i> Developing a next-generation sequencing multiplexed assay for multiple pharmacogenes.
2:45pm	Dr Simran Maggo , <i>University of Otago, Christchurch</i> . Gentamicin ototoxicity, pharmacogenetic link?
3:00pm	Richman Wee , <i>University of Otago, Christchurch.</i> Biobanking & Pharmacogenetics

3:15pm Afternoon Tea and close

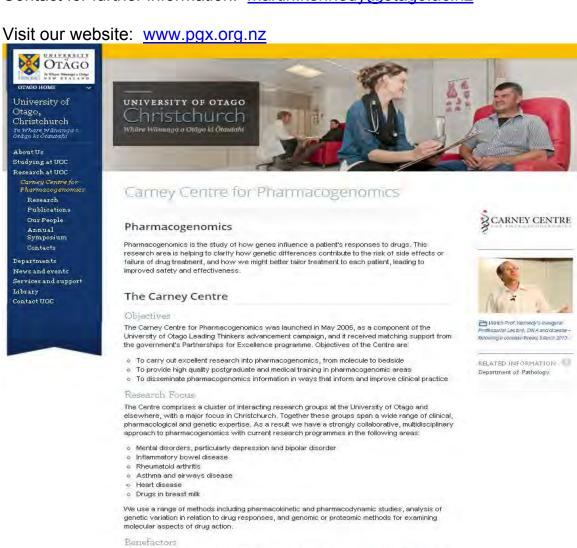
Origins of the Centre

The Carney Centre for Pharmacogenomics was established with a generous gift from the Jim and Mary Carney Charitable Trust, which was matched by the Government under the Partnerships for Excellent scheme. The Centre was opened in May 2005, and brings together several groups throughout the University of Otago and elsewhere. Together these groups span a wide range of clinical, pharmacological and generic expertise, and they are applying genetic and genomic techniques to the understanding of drug action and drug responses.

Objectives of the Centre:

- To carry out excellent research into pharmacogenomics, from molecule to bedside
- To provide high quality postgraduate and medical training in pharmacogenomic areas
- To disseminate pharmacogenomics information in ways that inform and improve clinical practice

Contact for further information: martin.kennedy@otago.ac.nz



The Carney Centre is named in honour of our benefactors, the Jim and Mary Carney Charitable Trust.